

AN ANTENNAL ANOMALY IN *STRONGYLUM TEXATUM* (COLEOPTERA: TENEBRIONIDAE)¹

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A tenebrionid beetle *Strongylium texatum* Maklin, 1864, with a very interesting teratologic character was collected by Messias Carrera in Jundiaí, State of São Paulo, Brazil, 11.XII.1966.

The specimen was quite normal except for the right antenna, which was bifurcate (fig. 1). This bifurcation starts from the seventh segment which, modified in its aspect, as seen in fig. 1, is enlarged and blended with segments eight of both branches. Segments eight and nine, as well as ten and eleven, of the right branch, in which the deformation occurs, are thicker and fused; two small lateral transverse and irregular sulci indicate the limits of the fused segments. An identical sulcus can be observed between segments seven and eight on the left branch of the bifurcation, but the three last segments of this branch are quite normal and show no modification.

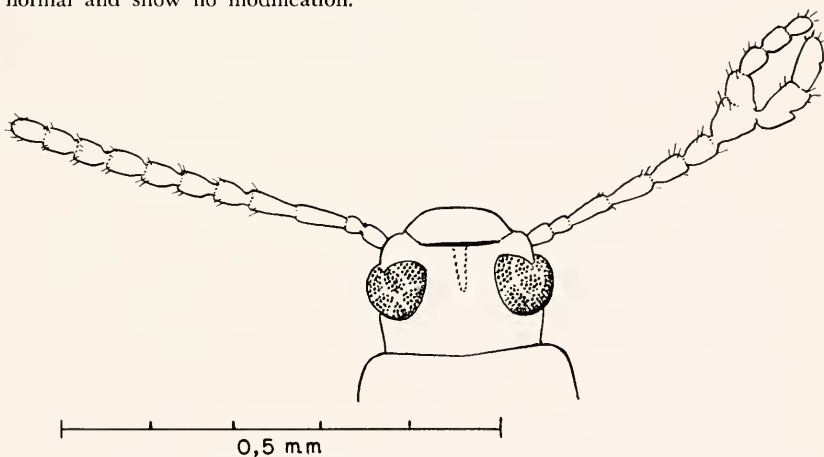


FIG. 1.—*Strongylium texatums* head with normal left antenna, and bifurcate right antenna.

The above described anomaly, according to teratological classification, are

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known as: unilateral antennal melomelia, or more precisely, binary heterodynamic schistomelia.

Descriptors: Coleoptera; Tenebrionidae; *Strongylium textatum*, antennal anomaly; anomaly in *Strongylium textatum*; Brazil, *Strongylium textatum*.

Data Documents for Systematic Entomology

The following articles have been received, and will be published in Entomological News as space permits. The date of acceptance is indicated, followed by descriptors. The document number, prefixed by 1., indicates title only. Abstracts, indicated by the prefix 2., are available from the editor. The complete article, when published, will have this same document number, prefixed by 3, placed in brackets after the first footnote.

Documents accepted for publication.—1.0108, May 4, 1971. **Fringes, Hubert and Mable.** CFAA—A fixing agent for insect tissues. *Descriptors:* Histological techniques; preservation of animal specimens; fixation of tissues.

1.0109, May 17, 1971. **Morden, R. D. and G. P. Waldbauer.** Embryonic development time and spring hatching of *Thyridopteryx ephemeriformis* (Lepidoptera: Psychidae). *Descriptors:* Lepidoptera; Psychidae; *Thyridopteryx ephemeriformis*, embryonic development; bagworm; embryonic development, hatching time; hatching, spring.

1.0110, May 11, 1971. **Fisher, T. W. and R. E. Orth.** A new species of *Limnia* Robinseau-Desvoidy from Western North America (Diptera: Sciomyzidae). *Descriptors:* Diptera; Sciomyzidae; *Limnia lemmonii*, new species from Arizona; *Trypetoptera canadensis*, terminalia.

1.0111, May 11, 1971. **Smit, F. G. A. M. Hubbard's** eulogy on Harry Hopkins.

1.0112, May 20, 1971. **R. D. Morden and G. P. Waldbauer.** Seasonal and daily emergence patterns of adult *Thyridopteryx ephemeriformis* (Lepidoptera: Psychidae). *Descriptors:* Lepidoptera; Psychidae; *Thyridopteryx ephemeriformis*, emergence patterns; bagworm; emergence patterns.

1.0113, May 24, 1971. **Macnamara, John P.** Emendation of taxa of Micronesian Oedemeridae (Coleoptera). *Descriptors:* Coleoptera; Oedemeridae; emendations of taxa; Micronesia.

1.0114, May 26, 1971. **Fedde, Gerhard F.** The spruce aphid, *Elatobium abietinum*, observed in eastern USA. *Descriptors:* Homoptera; Aphididae; spruce aphid; *Elatobium abietinum*, distribution in USA.

1.0115, May 28, 1971. **Gagné, Raymond J.** The genus *Aphidoletes* Kieffer (Diptera: Cecidomyiidae) in North America. *Descriptors:* Diptera; Cecidomyiidae; *Aphidoletes*, North America; key to species; new synonymy.

1.0116, May 29, 1971. **Wicht, M. C., Jr. and Robert Snetsinger.** Observations on mushroom-infesting pyemotid mites in the United States. *Descriptors:* Acarina; Pyemotidae; *Pygmephorus mesembrinae* on mushrooms; *Pygmephorus quadratus* on mushrooms; mold genus *Trichoderma*; phoresy.

1.0117, June 1, 1971. **O'Brien, Charles W.** The biogeography of Chile through entomofaunal regions. *Descriptors:* Coleoptera; Homoptera; Curculionidae; Tenebrionidae; Fulgoroidea; Peloridiidae; nothofagus forests; araucaria forests; biogeography of Chile; entomofaunal regions of Chile.